Merchant & Gould P.C. Inventor: WALSTON ET AL Docket No.: 7869,10USU1 Title: ANTITHROMBIN H-HELIX MUTANTS Attorney Name: Nancy J. Parsons Phone No.: 612.336.4769 Sheet 1 of 3

## FIG.1A

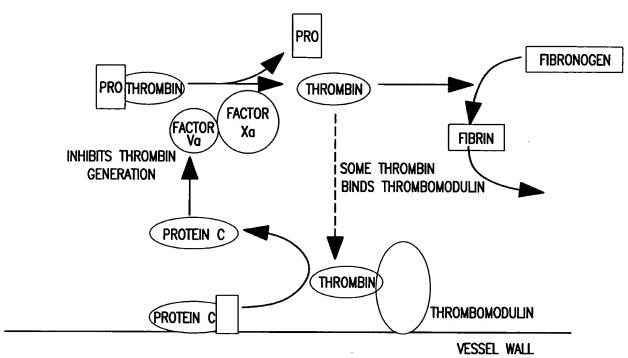
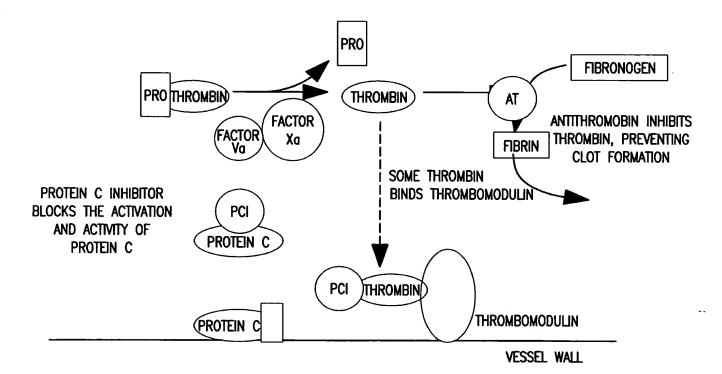
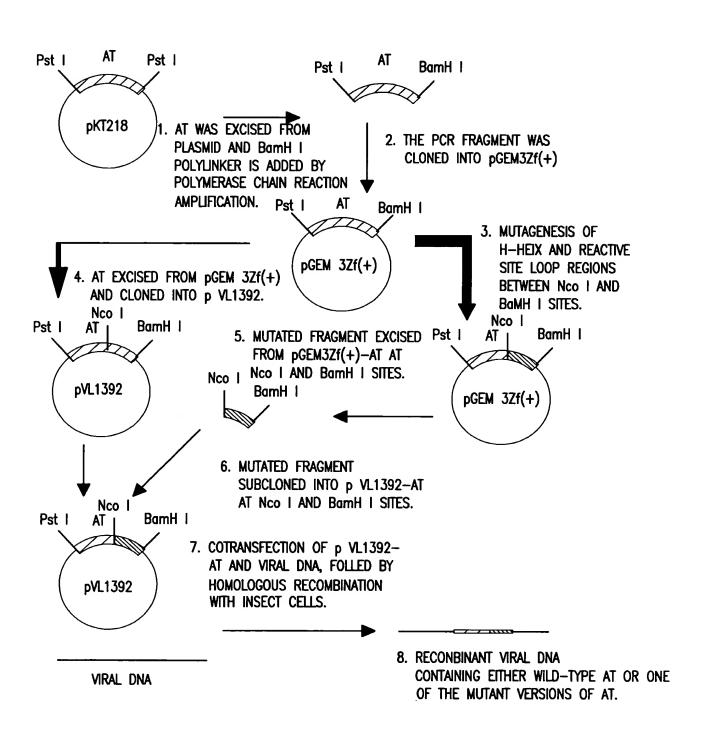


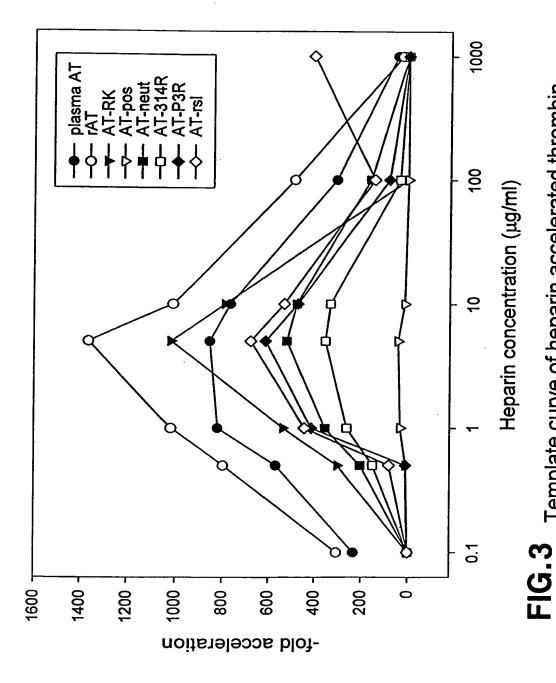
FIG.1B



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## FIG.2 SUBCLONING STRATEGY TO GENERATE REECOMBINANT ANTITHROMBIN WITH H-HELIX AND REACTIVE SITE LOOP MUTANTS.





Template curve of heparin accelerated thrombin inhibiton by AT.